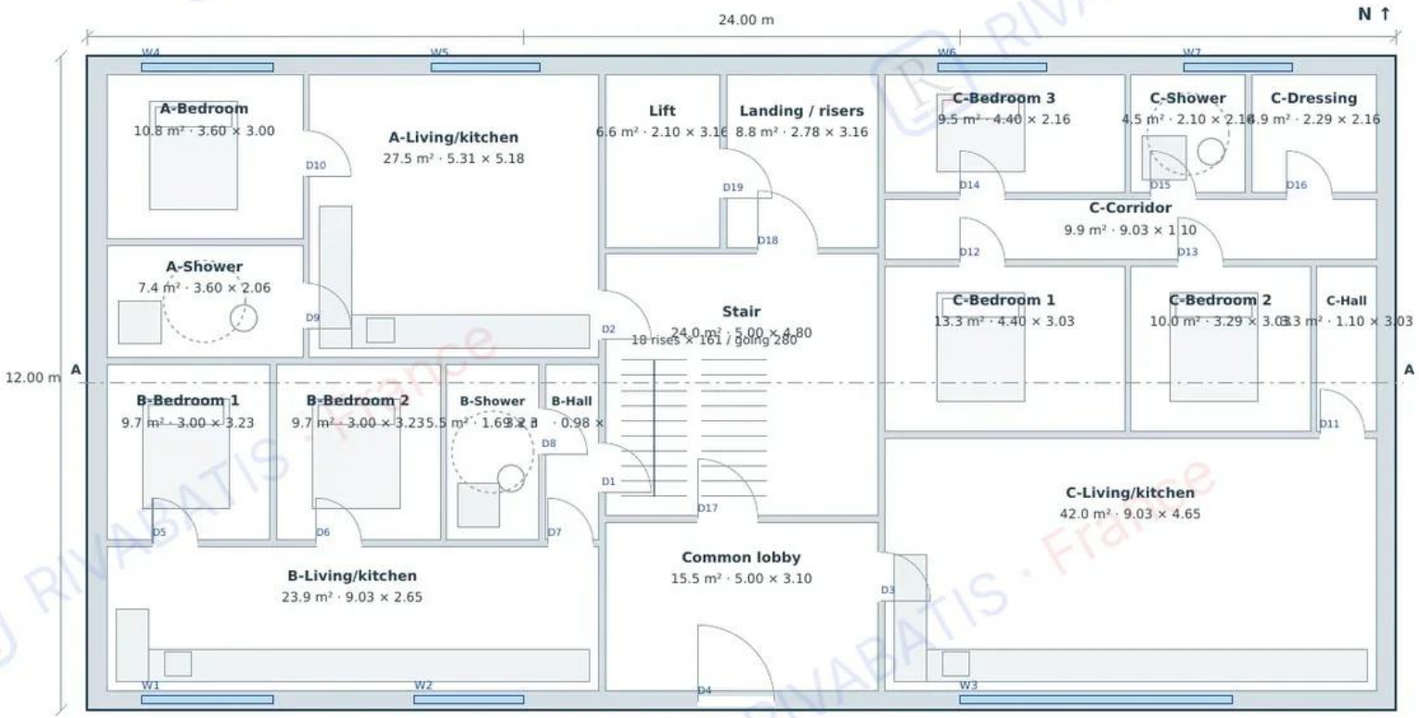
# Ground floor plan




Ground floor: 3 flats A/B/C, accessible lobby, lift, stair and service shafts. Three storeys: 864 m² gross floor area (24 × 12 × 3).

Dimensions in metres · wall thicknesses shown · W / D opening references

0 2 m

## SPECIFICATION / MATERIALS

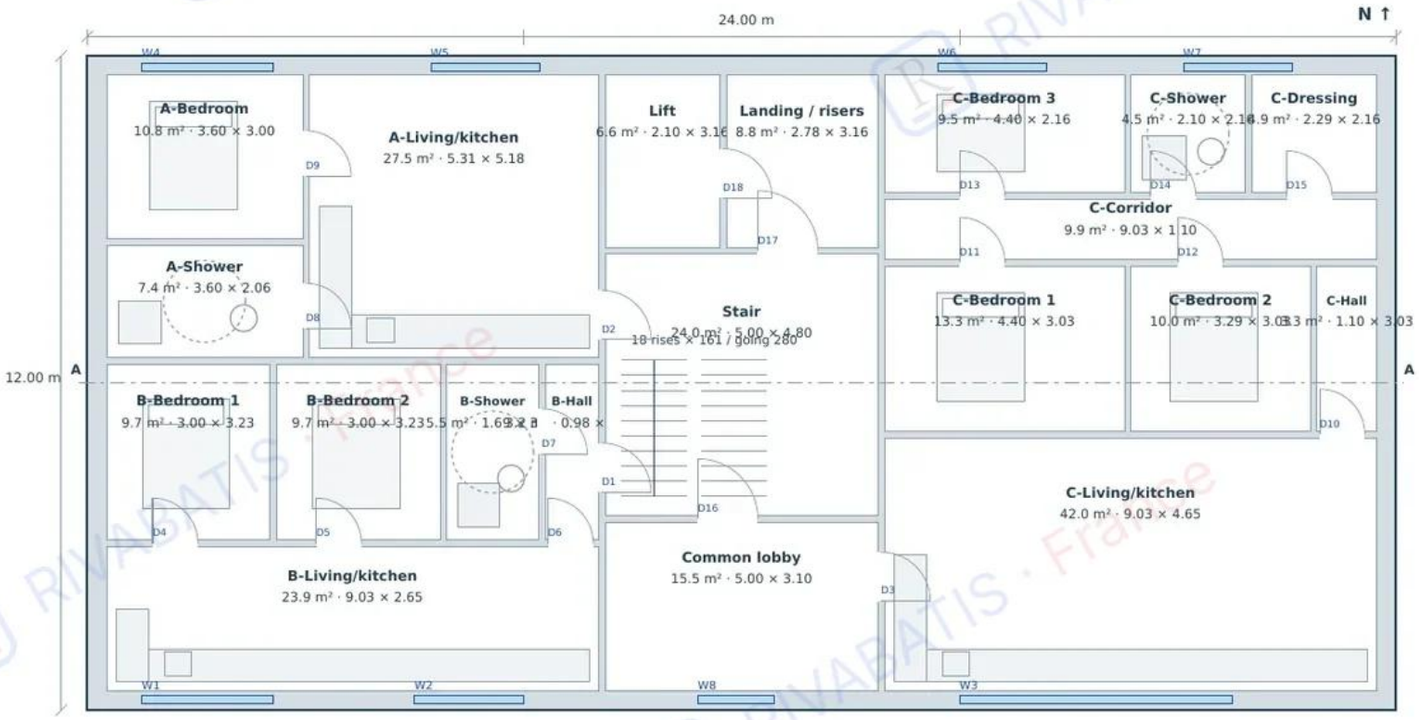
| | |
|---|---|
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| **E2** | Nexans H07V-U / U-1000 R2V |
| **E3** | Schneider Resi9 / Acti9 · protection |
| **E4** | 30 mA RCD · types A/F · continuous PE |
| **E5** | Philips CoreLine LED · DCL / IP44 / IP65 |
| **L** | Brown live · black return · 1.5/2.5/6 mm² |
| **N** | Blue neutral · same cross-section as L |
| **PE** | Green-yellow · earth / bonding |
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| **P2** | Nicoll PVC · waste Ø40/50 · soil Ø100 |
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| **P4** | Grohe Eurosmart / Hansgrohe Talis |
| **H1** | Atlantic Alféa / Daikin Altherma |
| **H2** | Thermor Aéromax · ECS / DHW |
| **V1** | Aldes EasyHOME Hygro / InspirAIR |
| **S1** | Porotherm GF R20 Th+ · 500×200×299 |
| **S2** | Ytong Compact 20 · 625×200×250 |
| **S3** | Fabemi B40 / Alkern BC20 · 500×200×200 |
| **I1** | Isover GR32 / Knauf · Placo BA13 |
| **W1** | K-Line KL-BC / Technal SOLEAL |
| **W2** | DV 4/16 Ar/4 FE · warm-edge · Ug 1.1 |
| **F1** | Marazzi / Porcelanosa / Atlas Concorde |
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| **F3** | Tollens Idrotop / Seigneurie Evolutex |
| **R1** | Terreal / Edilians · ou SOPREMA toiture |

## DESIGN REFERENCES

NF C 15-100 (2024) · NF DTU 60.1/60.11 · DTU 20.1 · 61.1 · RE2020 · Eurocodes

Equipment tags refer to this schedule. Coordinated architecture, services and finishes.

# Upper floor plans




Levels 1 and 2: matching grid and stacked shafts. T2 one-bedroom (A), T3 two-bedroom (B), T4 three-bedroom (C). Room areas are calculated from the stated clear dimensions.

Dimensions in metres · wall thicknesses shown · W / D opening references

0 2 m

## SPECIFICATION / MATERIALS

| | |
|---|---|
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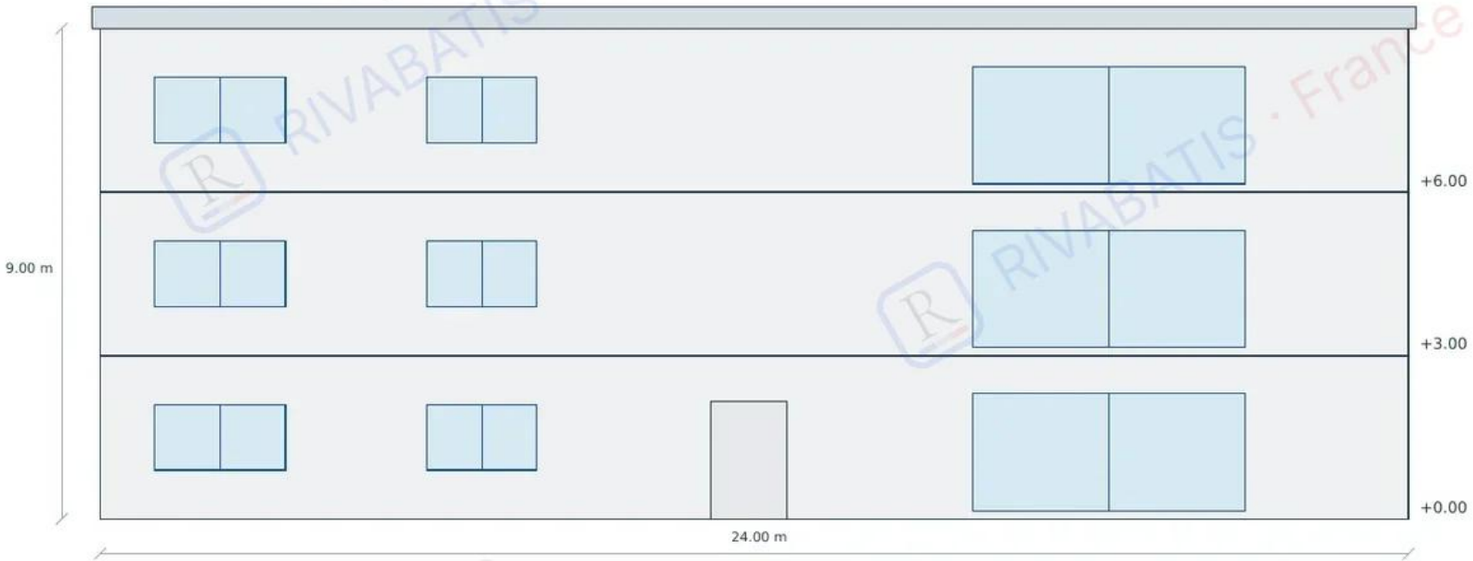
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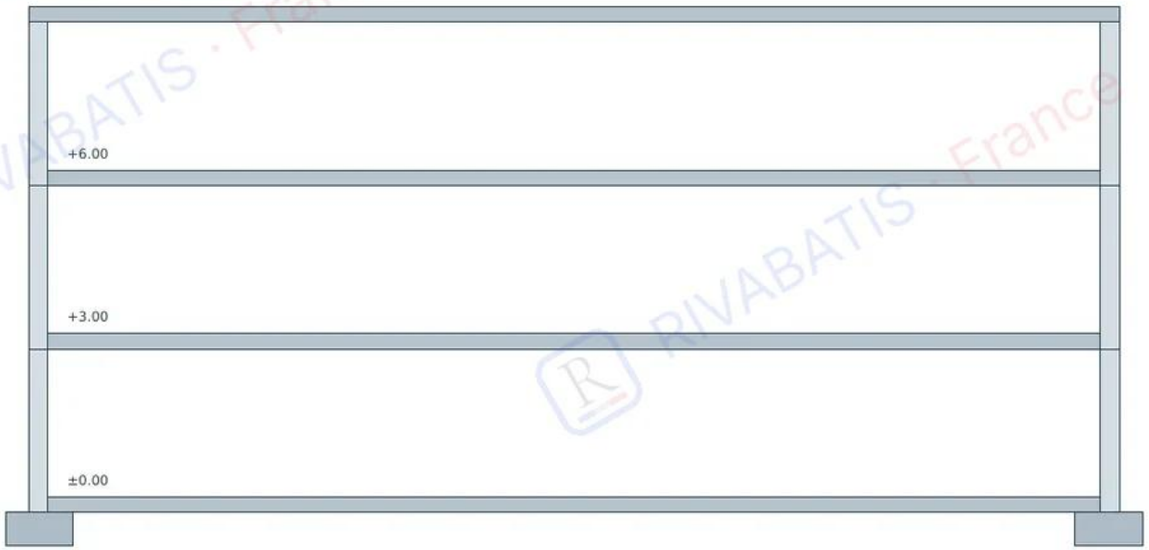
Equipment tags refer to this schedule. Coordinated architecture, services and finishes.

# Front elevation and section A–A

## SOUTH ELEVATION · W1/W2




## SECTION A–A · WALL S1 / I1 / I2




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# Window and door schedule

## NOMINAL OPENING DIMENSIONS · W1/W2

| ID | Width × height (m) | Construction | Reference |
|---|---|---|---|
| W1 | 2.40 × 1.20 | Aluminium, low-e argon DG | W1/W2 |
| W2 | 2.00 × 1.20 | Aluminium, low-e argon DG | W1/W2 |
| W3 | 5.00 × 2.15 | Aluminium, low-e argon DG | W1/W2 |
| W4 | 2.40 × 1.20 | Aluminium, low-e argon DG | W1/W2 |
| W5 | 2.00 × 1.20 | Aluminium, low-e argon DG | W1/W2 |
| W6 | 2.00 × 1.20 | Aluminium, low-e argon DG | W1/W2 |
| W7 | 2.00 × 1.20 | Aluminium, low-e argon DG | W1/W2 |
| W8 | 1.40 × 1.20 | Aluminium, low-e argon DG | W1/W2 |
| D1 | 0.90 × 2.15 | Door set / stated passage | F3 |
| D2 | 0.90 × 2.15 | Door set / stated passage | F3 |
| D3 | 0.90 × 2.15 | Door set / stated passage | F3 |
| D4 | 0.83 × 2.15 | Door set / stated passage | F3 |
| D5 | 0.83 × 2.15 | Door set / stated passage | F3 |
| D6 | 0.83 × 2.15 | Door set / stated passage | F3 |
| D7 | 0.83 × 2.15 | Door set / stated passage | F3 |
| D8 | 0.83 × 2.15 | Door set / stated passage | F3 |
| D9 | 0.83 × 2.15 | Door set / stated passage | F3 |
| D10 | 0.83 × 2.15 | Door set / stated passage | F3 |
| D11 | 0.83 × 2.15 | Door set / stated passage | F3 |
| D12 | 0.83 × 2.15 | Door set / stated passage | F3 |
| D13 | 0.83 × 2.15 | Door set / stated passage | F3 |
| D14 | 0.83 × 2.15 | Door set / stated passage | F3 |
| D15 | 0.83 × 2.15 | Door set / stated passage | F3 |
| D16 | 1.10 × 2.15 | Door set / stated passage | F3 |
| D17 | 1.10 × 2.15 | Door set / stated passage | F3 |
| D18 | 0.90 × 2.15 | Door set / stated passage | F3 |
| R0-D4 | 1.40 × 2.15 | Door set / stated passage | F3 |

Glazing: 4/16 argon/4 low-e, Ug 1.1 W/m².K. Safety locations use laminated 44.2, including pools and low-level glazing. Windows incorporate coordinated ventilation inlets and solar shading.

## SPECIFICATION / MATERIALS

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**E2** Nexans H07V-U / U-1000 R2V
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## DESIGN REFERENCES

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Equipment tags refer to this schedule. Coordinated architecture, services and finishes.

# Masonry, glazing, finishes and quantities

## MASONRY / BLOCKS · MANUFACTURER DATA

| Tag / product | L × t × H (mm) | R (m².K/W) |
|---|---|---|
| S1 Porotherm GF R20 Th+ | 500 × 200 × 299 | 1.48–1.50 |
| S2 Xella Ytong Compact 20 | 625 × 200 × 250 | 1.82 |
| S3 Fabemi creux B40 | 500 × 200 × 200 | 0.23 |
| S3b Alkern BC20 B40 | 500 × 200 × 200 | Product declaration |

R values for masonry alone. S1: 29 January 2025 sheet, plant-specific value. I1 GR32 120 mm: R = 3.75. Selected wall build-up: render 15 + block 200 + insulation 120 + plasterboard 13 = 348 mm.

## TILES / STONE / GLAZING

| ID | Space | Brand / range | Format / build-up |
|---|---|---|---|
| F1 | Living / circulation | Marazzi Mystone | 60×60 / 80×80 |
| F1-P | Villa / prestige | Porcelanosa / Atlas Concorde | 120×120 / 120×240 |
| F1-B | Wet rooms | Marazzi / Porcelanosa | 60×60; douche 5×5 |
| F1-E | Terrace / pool | Atlas Concorde OUT / pierre | 60×60×20 / 40×60 |
| F2 | Adhesive / grout | Webercol flex comfort C2S1 | Weberjoint / étanchéité |
| W1/W2 | Windows / glazing | K-Line / Technal SOLEAL | DV 4/16 Ar/4 FE · Ug 1.1 |
| W2-S | Pool-side glazing | Saint-Gobain Stadip Protect | 44.2/16 Ar/44.2 FE |
| F3 | Walls / ceilings | Tollens / Seigneurie | velours / mat A+ |

## GEOMETRIC TAKE-OFF · BOQ BASIS

| Item | Quantity / formula |
|---|---|
| Gross area / floor | 288.00 m² |
| External perimeter | 72.00 m |
| Gross facade · 3 m / floor | 648.0 m² |
| 200 mm slab concrete / floor | 57.60 m³ |
| Internal finishes · drawn clear rooms | 250.1 m² |
| S1 bricks · 6.6/m² of net masonry | Quantity = net wall area × 6.6 |

### SPECIFICATION / MATERIALS

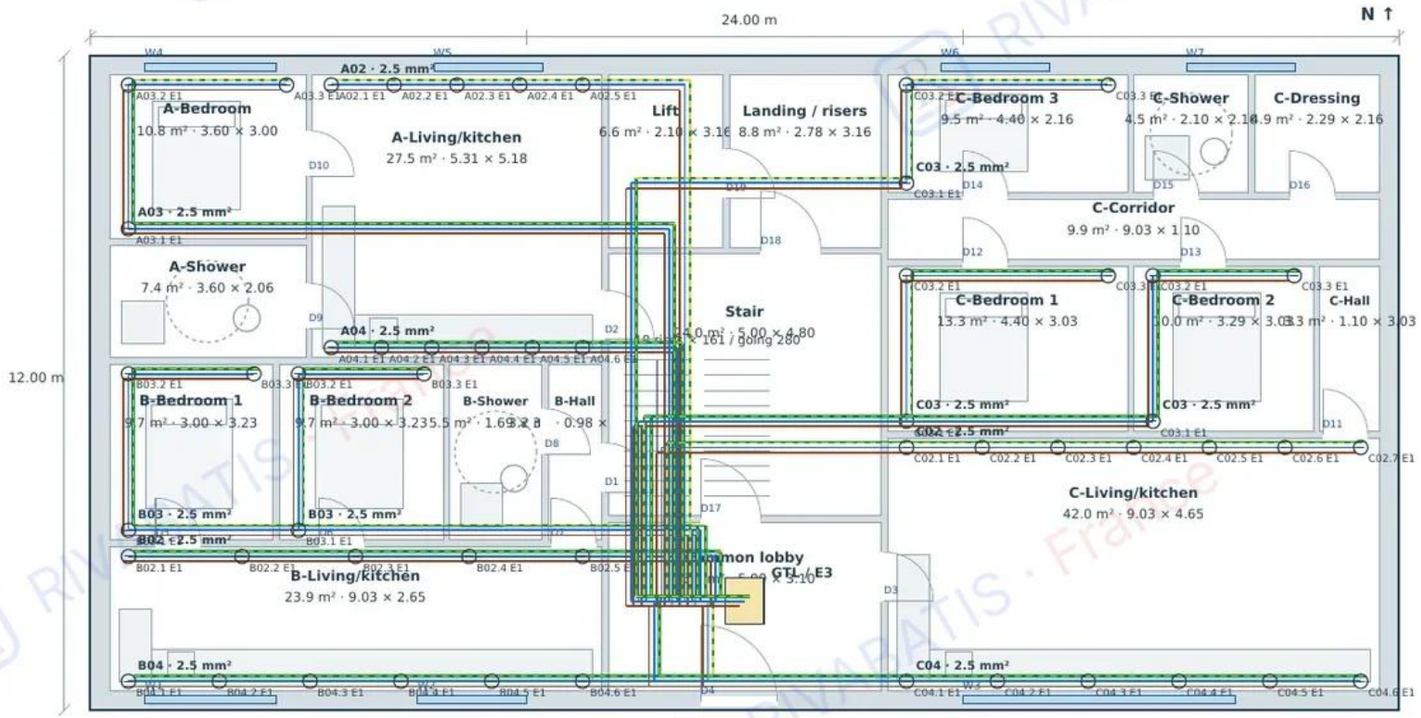
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### DESIGN REFERENCES

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Equipment tags refer to this schedule. Coordinated architecture, services and finishes.

# Electrical plan: sockets and wiring




RISERS: Ø100 waste/soil and ventilation in common shafts. Each dwelling has its own meter, manifolds and consumer unit. Wet services stack at levels 1 and 2.

Dimensions in metres · wall thicknesses shown · W / D opening references

0 2 m

## SPECIFICATION / MATERIALS

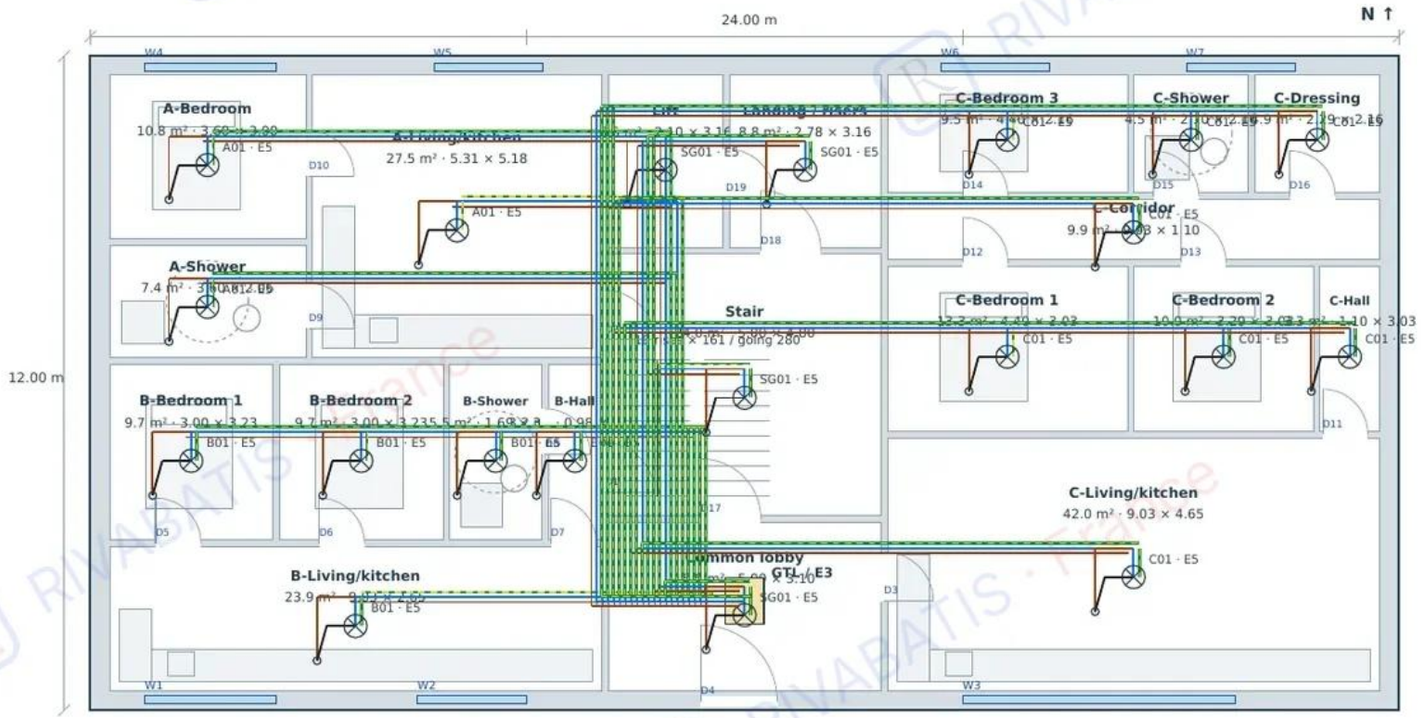
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# Electrical plan: lighting and switching




RISERS: Ø100 waste/soil and ventilation in common shafts. Each dwelling has its own meter, manifolds and consumer unit. Wet services stack at levels 1 and 2.

Dimensions in metres · wall thicknesses shown · W / D opening references

0 2 m

## SPECIFICATION / MATERIALS

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# Consumer unit: diagram and circuits

### DWELLING A · 60 A

**Linky → DB 60 A → 2 DDR/RCD**

| Circuit | mm² | A | DDR |
|---|---|---|---|
| A01 Lights | 1.5 | 10 | A1 |
| A02 Living sockets | 2.5 | 20 | A1 |
| A03 Bedroom sockets | 2.5 | 20 | A1 |
| A04 Kitchen sockets | 2.5 | 20 | A1 |
| A05 Hob | 6 | 32 | A1 |
| A06 Oven | 2.5 | 20 | A1 |
| A07 Washer | 2.5 | 20 | A2 |
| A08 Dishwasher | 2.5 | 20 | A2 |
| A09 DHW | 2.5 | 20 | A2 |
| A10 Heat pump | 2.5 | 20 | A2 |
| A11 VMC | 1.5 | 2 | A2 |

RCD 1: type A / RCD 2: type F, 63 A, 30 mA. 6 + 5 circuits. Separate neutral bars and busbars.

### DWELLING B · 60 A

**Linky → DB 60 A → 2 DDR/RCD**

| Circuit | mm² | A | DDR |
|---|---|---|---|
| B01 Lights | 1.5 | 10 | B1 |
| B02 Living sockets | 2.5 | 20 | B1 |
| B03 Bedroom sockets | 2.5 | 20 | B1 |
| B04 Kitchen sockets | 2.5 | 20 | B1 |
| B05 Hob | 6 | 32 | B1 |
| B06 Oven | 2.5 | 20 | B1 |
| B07 Washer | 2.5 | 20 | B2 |
| B08 Dishwasher | 2.5 | 20 | B2 |
| B09 DHW | 2.5 | 20 | B2 |
| B10 Heat pump | 2.5 | 20 | B2 |
| B11 VMC | 1.5 | 2 | B2 |

RCD 1: type A / RCD 2: type F, 63 A, 30 mA. 6 + 5 circuits. Separate neutral bars and busbars.

### DWELLING C · 60 A

**Linky → DB 60 A → 2 DDR/RCD**

| Circuit | mm² | A | DDR |
|---|---|---|---|
| C01 Lights | 1.5 | 10 | C1 |
| C02 Living sockets | 2.5 | 20 | C1 |
| C03 Bedroom sockets | 2.5 | 20 | C1 |
| C04 Kitchen sockets | 2.5 | 20 | C1 |
| C05 Hob | 6 | 32 | C1 |
| C06 Oven | 2.5 | 20 | C1 |
| C07 Washer | 2.5 | 20 | C2 |
| C08 Dishwasher | 2.5 | 20 | C2 |
| C09 DHW | 2.5 | 20 | C2 |
| C10 Heat pump | 2.5 | 20 | C2 |
| C11 VMC | 1.5 | 2 | C2 |

RCD 1: type A / RCD 2: type F, 63 A, 30 mA. 6 + 5 circuits. Separate neutral bars and busbars.

### COMMON SERVICES · SEPARATE METER

| ID | Use | mm² | A |
|---|---|---|---|
| SG01 | Lighting + emergency lighting | 1.5 | 10 |
| SG02 | Maintenance sockets | 2.5 | 20 |
| SG03 | Lift · 400 V 3N~ | 5×2.5 | 16 4P |

Brown L · blue N · green-yellow PE; PE bypasses RCDs/MCBs · NF C 15-100 2024 series

### SPECIFICATION / MATERIALS

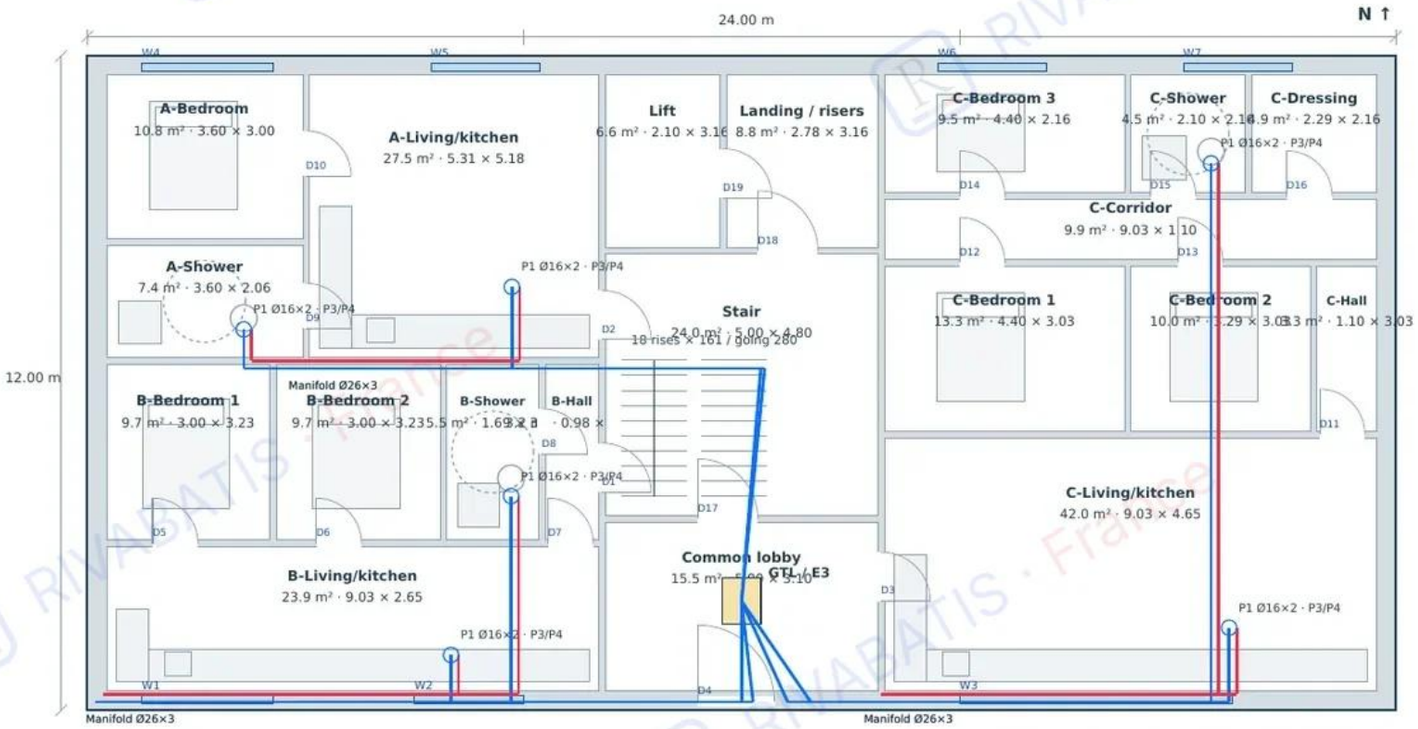
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**S3** Fabemi B40 / Alkern BC20 · 500×200×200
**I1** Isover GR32 / Knauf · Placo BA13
**W1** K-Line KL-BC / Technal SOLEAL
**W2** DV 4/16 Ar/4 FE · warm-edge · Ug 1.1
**F1** Marazzi / Porcelanosa / Atlas Concorde
**F2** Webercol flex comfort C2S1 · Weberjoint
**F3** Tollens Idrotop / Seigneurie Evolutex
**R1** Terreal / Edilians · ou SOPREMA toiture

### DESIGN REFERENCES

NF C 15-100 (2024) · NF DTU 60.1/60.11 · DTU 20.1 · 61.1 · RE2020 · Eurocodes

Equipment tags refer to this schedule. Coordinated architecture, services and finishes.

# Plumbing plan: cold and hot water




RISERS: Ø100 waste/soil and ventilation in common shafts. Each dwelling has its own meter, manifolds and consumer unit. Wet services stack at levels 1 and 2.

Dimensions in metres · wall thicknesses shown · W / D opening references

0 2 m

## SPECIFICATION / MATERIALS

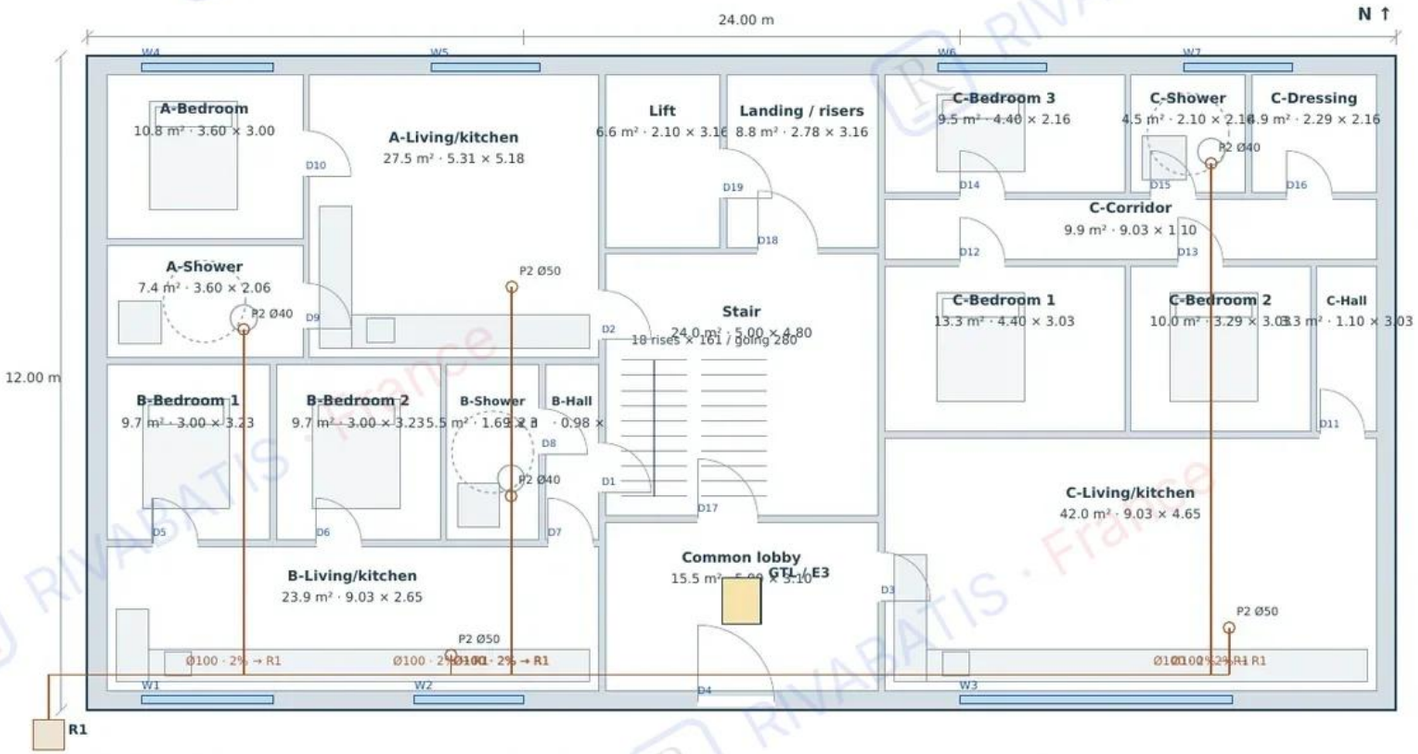
| | |
|---|---|
| **E1** | Legrand Dooxie / Céliane · earthed sockets |
| **E2** | Nexans H07V-U / U-1000 R2V |
| **E3** | Schneider Resi9 / Acti9 · protection |
| **E4** | 30 mA RCD · types A/F · continuous PE |
| **E5** | Philips CoreLine LED · DCL / IP44 / IP65 |
| **L** | Brown live · black return · 1.5/2.5/6 mm² |
| **N** | Blue neutral · same cross-section as L |
| **PE** | Green-yellow · earth / bonding |
| **P1** | Comap MultiSkin · Ø16×2 / Ø20×2 / Ø26×3 |
| **P2** | Nicoll PVC · waste Ø40/50 · soil Ø100 |
| **P3** | Jacob Delafon Odéon Up / Porcher |
| **P4** | Grohe Eurosmart / Hansgrohe Talis |
| **H1** | Atlantic Alféa / Daikin Altherma |
| **H2** | Thermor Aéromax · ECS / DHW |
| **V1** | Aldes EasyHOME Hygro / InspirAIR |
| **S1** | Porotherm GF R20 Th+ · 500×200×299 |
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| **I1** | Isover GR32 / Knauf · Placo BA13 |
| **W1** | K-Line KL-BC / Technal SOLEAL |
| **W2** | DV 4/16 Ar/4 FE · warm-edge · Ug 1.1 |
| **F1** | Marazzi / Porcelanosa / Atlas Concorde |
| **F2** | Webercol flex comfort C2S1 · Weberjoint |
| **F3** | Tollens Idrotop / Seigneurie Evolutex |
| **R1** | Terreal / Edilians · ou SOPREMA toiture |

## DESIGN REFERENCES

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Equipment tags refer to this schedule. Coordinated architecture, services and finishes.

# Drainage plan: waste and soil




RISERS: Ø100 waste/soil and ventilation in common shafts. Each dwelling has its own meter, manifolds and consumer unit. Wet services stack at levels 1 and 2.

Waste/soil: 2% fall = 20 mm/m · Ø100 primary vent to roof · separate rainwater

Dimensions in metres · wall thicknesses shown · W / D opening references

## SPECIFICATION / MATERIALS

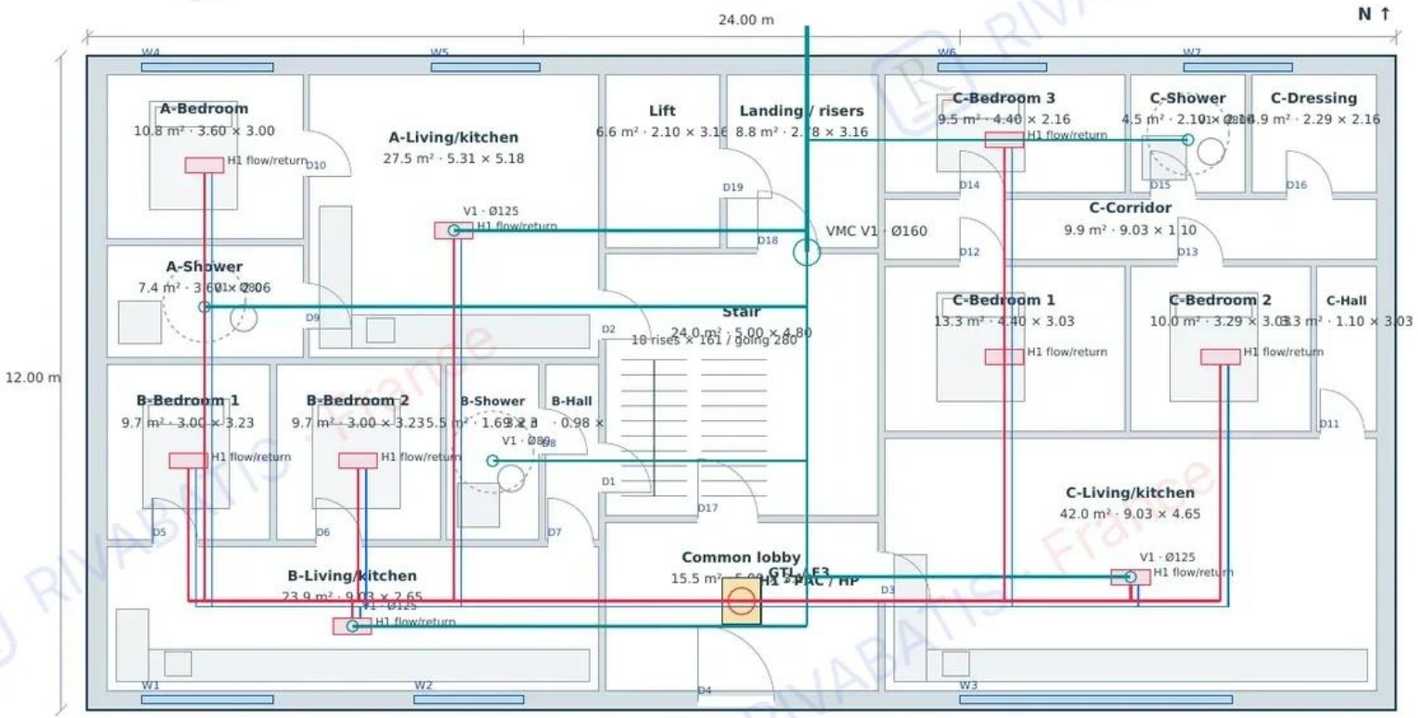
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| **E3** | Schneider Resi9 / Acti9 · protection |
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| **E5** | Philips CoreLine LED · DCL / IP44 / IP65 |
| **L** | Brown live · black return · 1.5/2.5/6 mm² |
| **N** | Blue neutral · same cross-section as L |
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| **F3** | Tollens Idrotop / Seigneurie Evolutex |
| **R1** | Terreal / Edilians · ou SOPREMA toiture |

## DESIGN REFERENCES

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Equipment tags refer to this schedule. Coordinated architecture, services and finishes.

# Heating, cooling and ventilation plan




RISERS: Ø100 waste/soil and ventilation in common shafts. Each dwelling has its own meter, manifolds and consumer unit. Wet services stack at levels 1 and 2.

Dimensions in metres · wall thicknesses shown · W / D opening references

## SPECIFICATION / MATERIALS

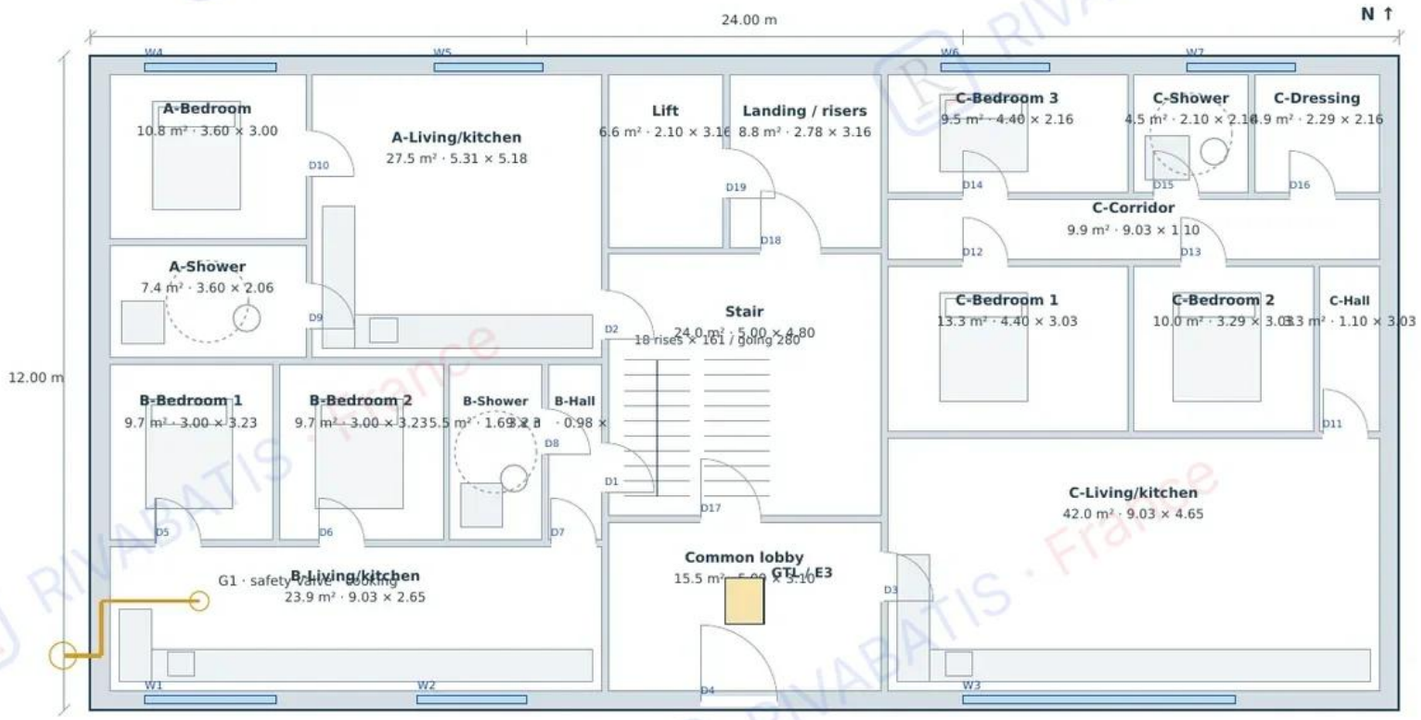
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| **E2** | Nexans H07V-U / U-1000 R2V |
| **E3** | Schneider Resi9 / Acti9 · protection |
| **E4** | 30 mA RCD · types A/F · continuous PE |
| **E5** | Philips CoreLine LED · DCL / IP44 / IP65 |
| **L** | Brown live · black return · 1.5/2.5/6 mm² |
| **N** | Blue neutral · same cross-section as L |
| **PE** | Green-yellow · earth / bonding |
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| **P2** | Nicoll PVC · waste Ø40/50 · soil Ø100 |
| **P3** | Jacob Delafon Odéon Up / Porcher |
| **P4** | Grohe Eurosmart / Hansgrohe Talis |
| **H1** | Atlantic Alféa / Daikin Altherma |
| **H2** | Thermor Aéromax · ECS / DHW |
| **V1** | Aldes EasyHOME Hygro / InspirAIR |
| **S1** | Porotherm GF R20 Th+ · 500×200×299 |
| **S2** | Ytong Compact 20 · 625×200×250 |
| **S3** | Fabemi B40 / Alkern BC20 · 500×200×200 |
| **I1** | Isover GR32 / Knauf · Placo BA13 |
| **W1** | K-Line KL-BC / Technal SOLEAL |
| **W2** | DV 4/16 Ar/4 FE · warm-edge · Ug 1.1 |
| **F1** | Marazzi / Porcelanosa / Atlas Concorde |
| **F2** | Webercol flex comfort C2S1 · Weberjoint |
| **F3** | Tollens Idrotop / Seigneurie Evolutex |
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## DESIGN REFERENCES

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Equipment tags refer to this schedule. Coordinated architecture, services and finishes.

# Gas option: cooking




RISERS: Ø100 waste/soil and ventilation in common shafts. Each dwelling has its own meter, manifolds and consumer unit. Wet services stack at levels 1 and 2.

Primary solution: heat pump + electric cooking · NF DTU 61.1 gas option · EN 1057 copper

Dimensions in metres · wall thicknesses shown · W / D opening references

0 2 m

## SPECIFICATION / MATERIALS

| | |
|---|---|
| **E1** | Legrand Dooxie / Céliane · earthed sockets |
| **E2** | Nexans H07V-U / U-1000 R2V |
| **E3** | Schneider Resi9 / Acti9 · protection |
| **E4** | 30 mA RCD · types A/F · continuous PE |
| **E5** | Philips CoreLine LED · DCL / IP44 / IP65 |
| **L** | Brown live · black return · 1.5/2.5/6 mm² |
| **N** | Blue neutral · same cross-section as L |
| **PE** | Green-yellow · earth / bonding |
| **P1** | Comap MultiSkin · Ø16×2 / Ø20×2 / Ø26×3 |
| **P2** | Nicoll PVC · waste Ø40/50 · soil Ø100 |
| **P3** | Jacob Delafon Odéon Up / Porcher |
| **P4** | Grohe Eurosmart / Hansgrohe Talis |
| **H1** | Atlantic Alféa / Daikin Altherma |
| **H2** | Thermor Aéromax · ECS / DHW |
| **V1** | Aldes EasyHOME Hygro / InspirAIR |
| **S1** | Porotherm GF R20 Th+ · 500×200×299 |
| **S2** | Ytong Compact 20 · 625×200×250 |
| **S3** | Fabemi B40 / Alkern BC20 · 500×200×200 |
| **I1** | Isover GR32 / Knauf · Placo BA13 |
| **W1** | K-Line KL-BC / Technal SOLEAL |
| **W2** | DV 4/16 Ar/4 FE · warm-edge · Ug 1.1 |
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Equipment tags refer to this schedule. Coordinated architecture, services and finishes.

# Technology, quality and finish ranges

## A SERVICE FOR EVERY PROJECT AND EVERY BUDGET

Accessible and Essential packages for working households and families; Premium for homeowners, businesses and investors; Prestige for exceptional villas and bespoke projects. The same coordination, transparency and quality principles support every tier.

| | |
|---|---|
| **BIM / Revit** | Coordinated 2D plans, schedules, clash reviews, quantities and version control. PDF/IFC deliverables. |
| **Laser / drone** | Site survey, point cloud and orthophoto; setting out and earthworks progress comparison. |
| **Préfabrication** | Precast slabs, stairs and preassembled panels to streamline interfaces and programme. |
| **RE2020** | Regulatory Bbio/Cep/DH and carbon modelling; comparison of heat pumps, glazing and solar shading. |
| **Smart home** | Legrand Céliane with Netatmo; villa: SpaceLogic KNX scenes, submetering and local controls. |
| **PAC / solaire** | Atlantic / Daikin low-temperature systems and PV with Fronius inverter; energy monitoring. |
| **Suivi numérique** | Daily log, geotagged photos, QA inspections, client approvals and payment milestones in the portal. |

## HANDOVER VERIFICATION

Water pressure tests and flushing; drainage testing; PE continuity, insulation and RCD tests; ventilation balancing; heat-pump commissioning; as-built dossier and maintenance instructions.

## SPECIFICATION / MATERIALS

| | |
|---|---|
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| **I1** | Isover GR32 / Knauf · Placo BA13 |
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### DESIGN REFERENCES

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